

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052319\
 Data File : PQ040143.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 May 2019 19:31
 Operator : SM\AJ
 Sample : K3020-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETML2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 20:59:50 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	5.607	4.739	85819376	54528072	26.197	25.388
2)	SA Decachlor...	11.924	10.464	238.3E6	122.2E6	33.355	29.396
Target Compounds							
3)	L1 AR-1016-1	7.056	6.206	24228950	37842944	144.830	295.008 #
4)	L1 AR-1016-2	7.080	6.206	41535496	37842944	157.989	196.064
5)	L1 AR-1016-3	7.155	6.419	4647353	5325636	27.229	49.380 #
6)	L1 AR-1016-4	7.227	6.475	12977807	32329475	93.890	379.681 #
7)	L1 AR-1016-5	7.571	6.728	8178454	54073727	58.955	469.634 #
8)	L2 AR-1221-1	0.000	5.039	0	1189241	N.D.	48.527 #
9)	L2 AR-1221-2	0.000	5.158	0	1612471	N.D.	98.999 #
10)	L2 AR-1221-3	0.000	5.262	0	2041516	N.D.	33.574 #
11)	L3 AR-1232-1	0.000	5.262	0	2041516	N.D.	44.552 #
12)	L3 AR-1232-2	6.739	6.206	13325417	37842944	336.096	630.858 #
13)	L3 AR-1232-3	7.080	6.419	41535496	5325636	513.975	151.435 #
14)	L3 AR-1232-4	7.227	6.522	12977807	31583098	310.486	1068.865 #
15)	L3 AR-1232-5	7.367	6.728	56842893	54073727	1793.576	1796.208
16)	L4 AR-1242-1	7.056	6.206	24228950	37842944	249.896	511.750 #
17)	L4 AR-1242-2	7.080	6.206	41535496	37842944	287.407	355.468
18)	L4 AR-1242-3	7.155	6.419	4647353	5325636	49.923	88.283 #
19)	L4 AR-1242-4	7.227	6.522	12977807	31583098	172.553	529.914 #
20)	L4 AR-1242-5	8.086	7.130	70932087	95551019	818.193	1185.667 #
21)	L5 AR-1248-1	7.056	6.206	24228950	37842944	313.026	656.729 #
22)	L5 AR-1248-2	7.367	6.475	56842893	32329475	504.678	367.717 #
23)	L5 AR-1248-3	7.571	6.522	8178454	31583098	59.253	349.048 #
24)	L5 AR-1248-4	8.045	6.728	309.4E6	54073727	2049.662	489.668 #
25)	L5 AR-1248-5	8.086	7.182	70932087	37615161	471.126	331.307 #
26)	L6 AR-1254-1	8.045	7.130	309.4E6	95551019	1774.353	498.867 #
27)	L6 AR-1254-2	8.255	7.302	81101159	30336116	293.257	174.616 #
28)	L6 AR-1254-3	8.646	7.749	78063379	59182745	263.031	204.797
29)	L6 AR-1254-4	8.946	7.999	34238417	18608784	164.743	104.223 #
30)	L6 AR-1254-5	9.384	8.442	35728447	21895776	124.060	84.989 #
31)	L7 AR-1260-1	8.815	7.886	18106203	29531154	54.470	107.724 #
32)	L7 AR-1260-2	9.085	8.094	22581423	14403118	55.899	41.638 #
33)	L7 AR-1260-3	9.457	8.256	11937644	11598497	36.187	36.166
34)	L7 AR-1260-4	9.696	8.752	14003320	5230077	37.997	19.248 #
35)	L7 AR-1260-5	10.039	9.008	15245725	16843108	19.798	25.057 #
36)	L8 AR-1262-1	9.457	8.537	11937644	5943776	85.874	52.347 #
37)	L8 AR-1262-2	10.039	9.008	15245725	16843108	26.342	33.948 #
38)	L8 AR-1262-3	10.363	9.297	5359969	2748960	12.677	13.075
39)	L8 AR-1262-4	0.000	9.365	0	9906008	N.D.	26.163 #
40)	L8 AR-1262-5	0.000	9.888	0	3832306	N.D.	23.637 #
41)	L9 AR-1268-1	10.363	9.297	5359969	2748960	8.898	6.024 #

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 Acq On : 23 May 2019 19:31
 Operator : SM\AJ
 Sample : K3020-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

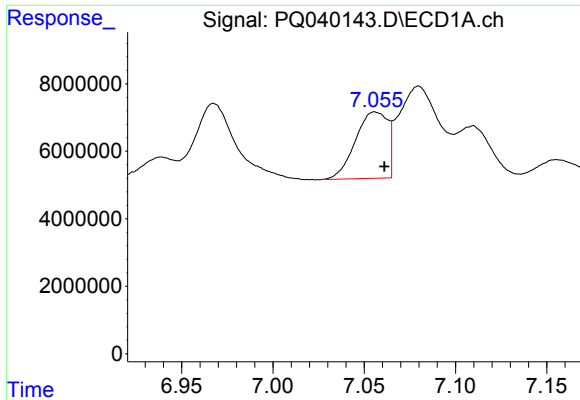
Instrument :
 ECD_Q
 ClientSampleId :
 ETML2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 20:59:50 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	9.365	0	9906008	N.D.	22.659 #
43) L9	AR-1268-3	10.696	9.573	9576942	5670534	17.631	15.105
44) L9	AR-1268-4	0.000	9.888	0	3832306	N.D.	27.814 #
45) L9	AR-1268-5	11.581	10.197	25038840	12972492	13.550	10.992

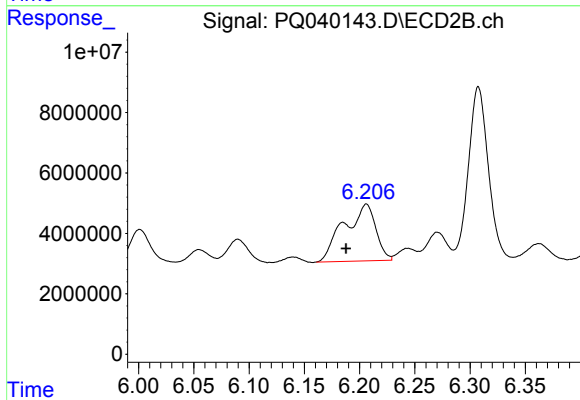
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

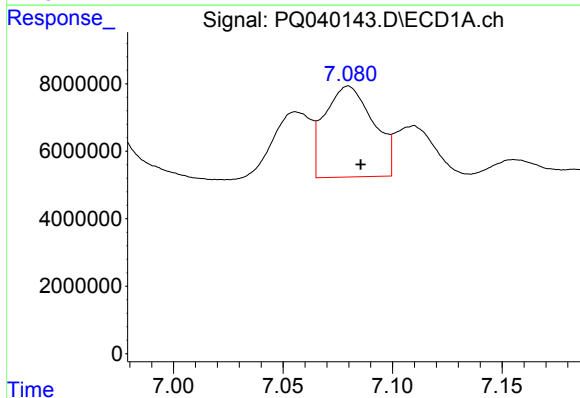
R.T.: 7.056 min
Delta R.T.: -0.005 min
Response: 24228950
Conc: 144.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML2



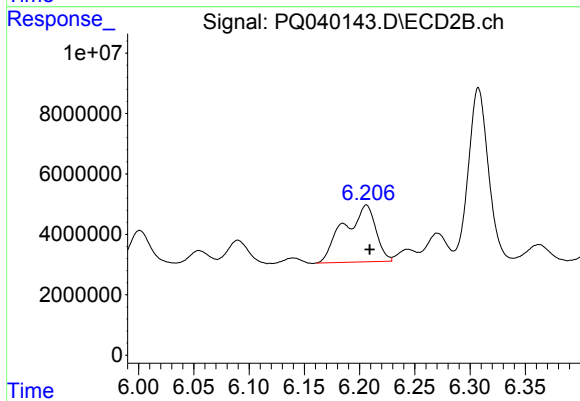
#3 AR-1016-1

R.T.: 6.206 min
Delta R.T.: 0.018 min
Response: 37842944
Conc: 295.01 ng/ml



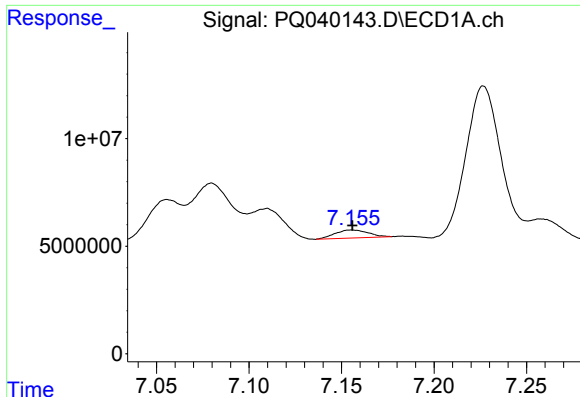
#4 AR-1016-2

R.T.: 7.080 min
Delta R.T.: -0.006 min
Response: 41535496
Conc: 157.99 ng/ml



#4 AR-1016-2

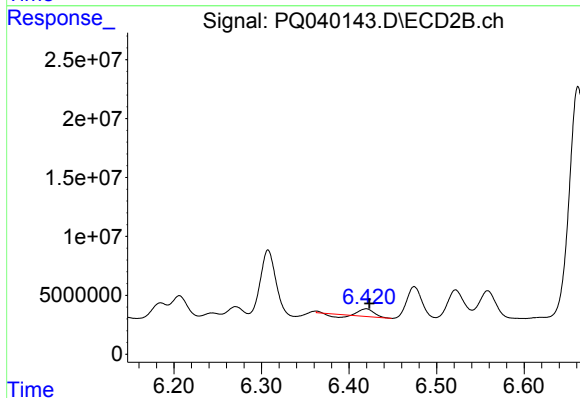
R.T.: 6.206 min
Delta R.T.: -0.003 min
Response: 37842944
Conc: 196.06 ng/ml



#5 AR-1016-3

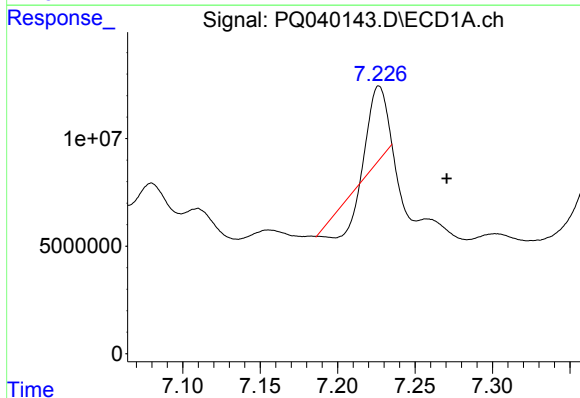
R.T.: 7.155 min
Delta R.T.: 0.000 min
Response: 4647353
Conc: 27.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML2



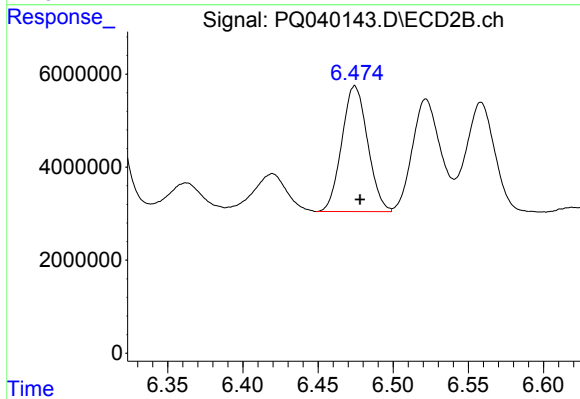
#5 AR-1016-3

R.T.: 6.419 min
Delta R.T.: -0.004 min
Response: 5325636
Conc: 49.38 ng/ml



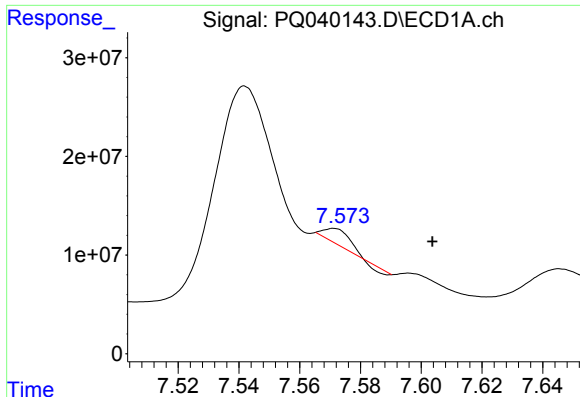
#6 AR-1016-4

R.T.: 7.227 min
Delta R.T.: -0.044 min
Response: 12977807
Conc: 93.89 ng/ml



#6 AR-1016-4

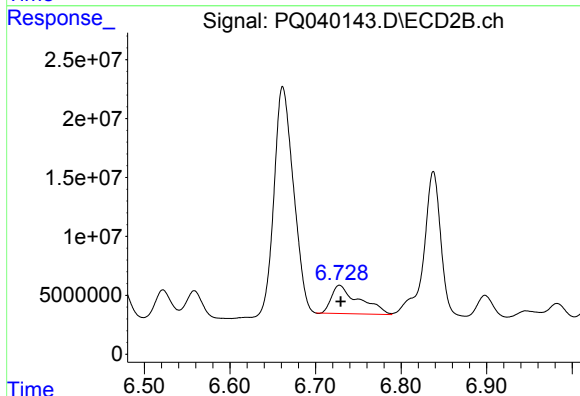
R.T.: 6.475 min
Delta R.T.: -0.003 min
Response: 32329475
Conc: 379.68 ng/ml



#7 AR-1016-5

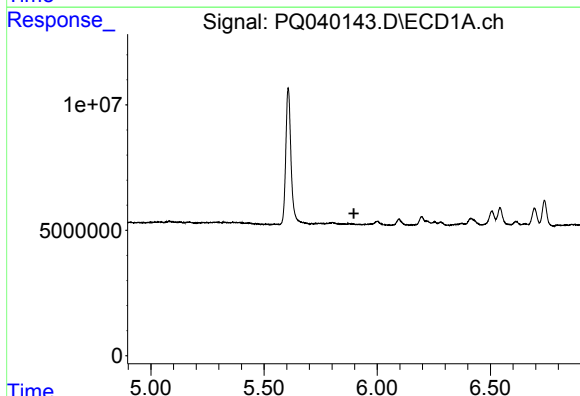
R.T.: 7.571 min
Delta R.T.: -0.032 min
Response: 8178454
Conc: 58.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML2



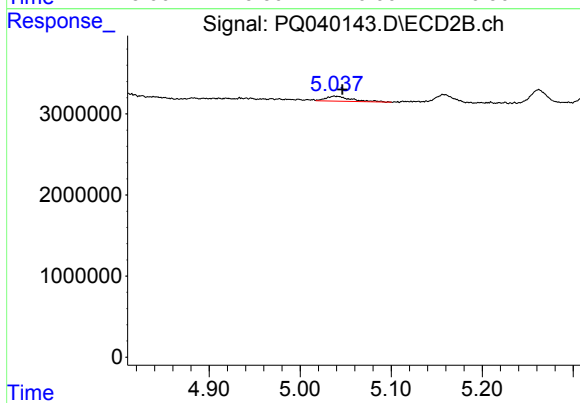
#7 AR-1016-5

R.T.: 6.728 min
Delta R.T.: -0.001 min
Response: 54073727
Conc: 469.63 ng/ml



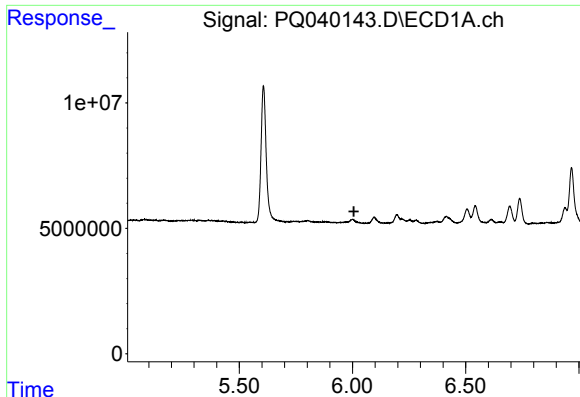
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.897 min
Response: 0
Conc: N.D.



#8 AR-1221-1

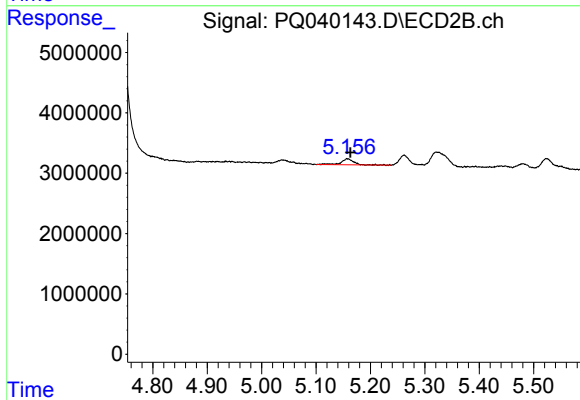
R.T.: 5.039 min
Delta R.T.: -0.007 min
Response: 1189241
Conc: 48.53 ng/ml



#9 AR-1221-2

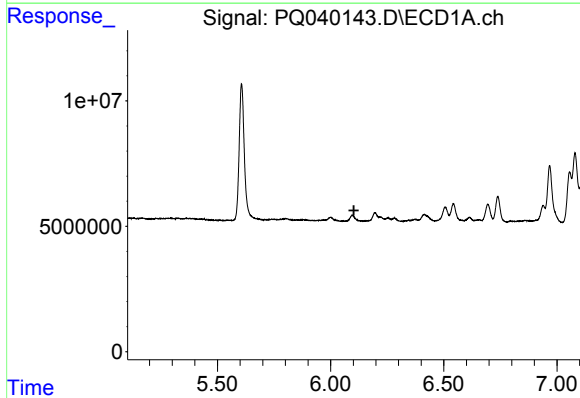
R.T.: 0.000 min
Exp R.T.: 6.006 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETML2



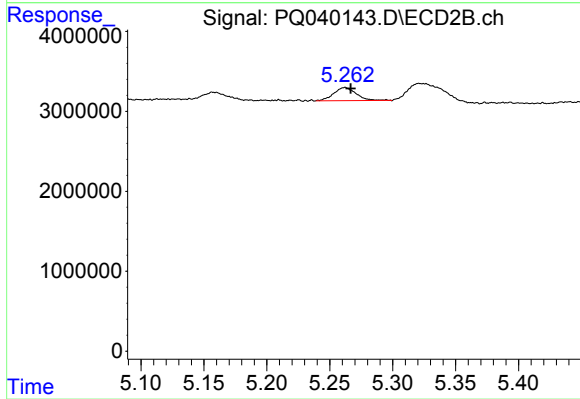
#9 AR-1221-2

R.T.: 5.158 min
Delta R.T.: -0.005 min
Response: 1612471
Conc: 99.00 ng/ml



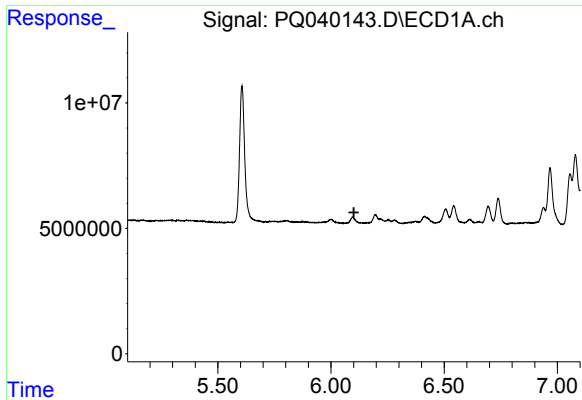
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 6.103 min
Response: 0
Conc: N.D.



#10 AR-1221-3

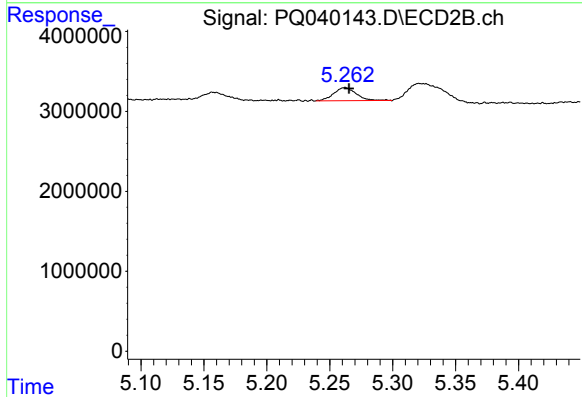
R.T.: 5.262 min
Delta R.T.: -0.004 min
Response: 2041516
Conc: 33.57 ng/ml



#11 AR-1232-1

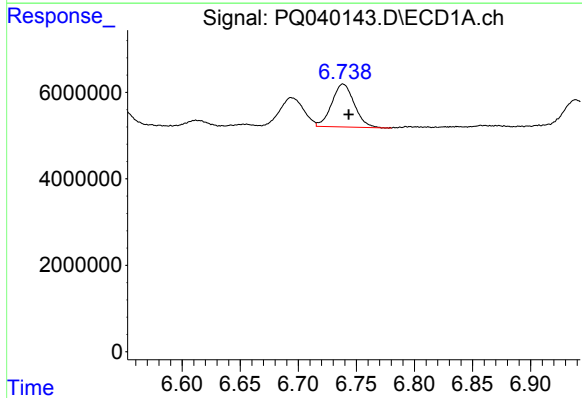
R.T.: 0.000 min
Exp R.T.: 6.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETML2



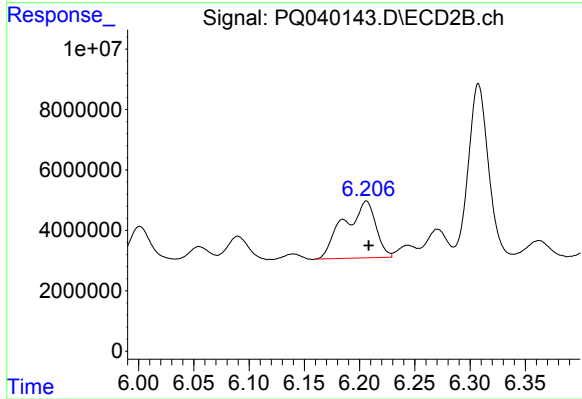
#11 AR-1232-1

R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 2041516
Conc: 44.55 ng/ml



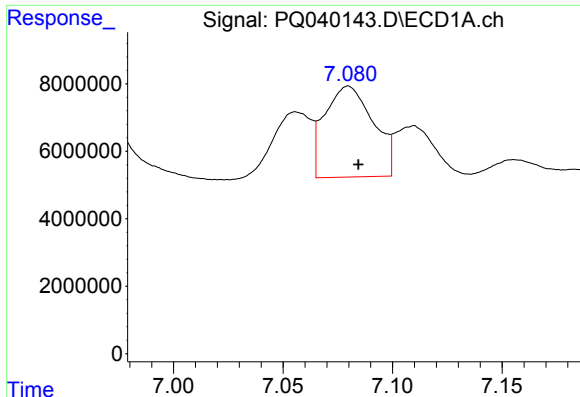
#12 AR-1232-2

R.T.: 6.739 min
Delta R.T.: -0.005 min
Response: 13325417
Conc: 336.10 ng/ml



#12 AR-1232-2

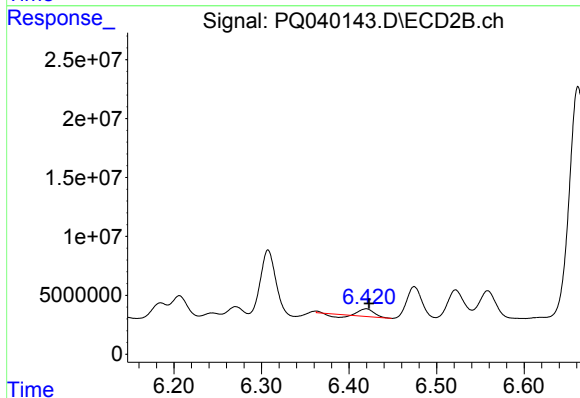
R.T.: 6.206 min
Delta R.T.: -0.002 min
Response: 37842944
Conc: 630.86 ng/ml



#13 AR-1232-3

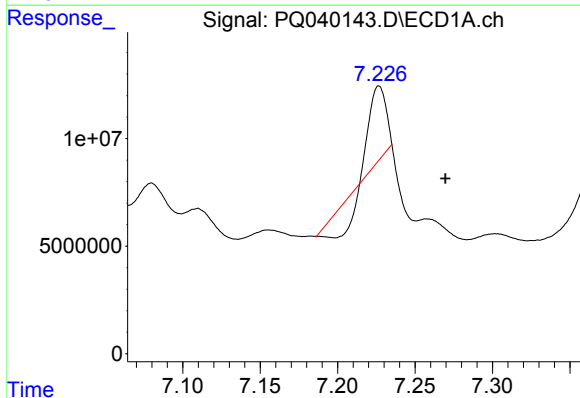
R.T.: 7.080 min
Delta R.T.: -0.005 min
Response: 41535496
Conc: 513.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML2



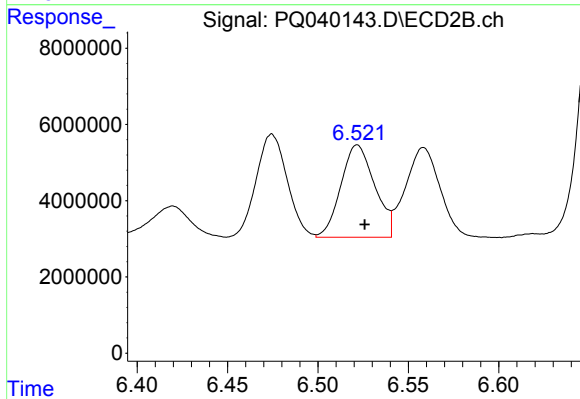
#13 AR-1232-3

R.T.: 6.419 min
Delta R.T.: -0.004 min
Response: 5325636
Conc: 151.43 ng/ml



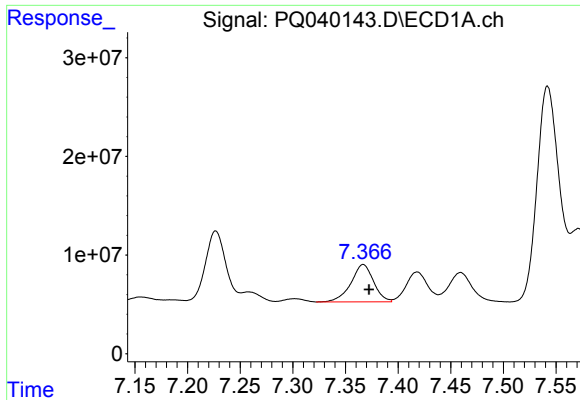
#14 AR-1232-4

R.T.: 7.227 min
Delta R.T.: -0.043 min
Response: 12977807
Conc: 310.49 ng/ml



#14 AR-1232-4

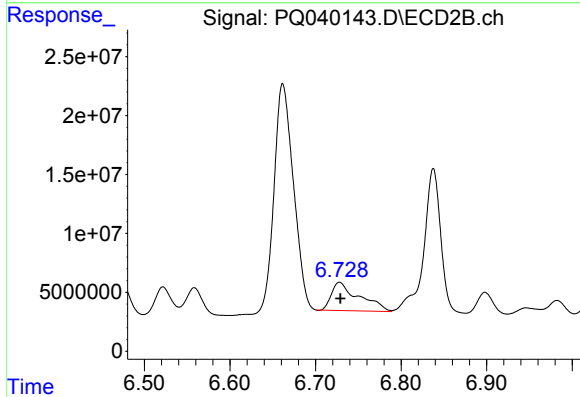
R.T.: 6.522 min
Delta R.T.: -0.004 min
Response: 31583098
Conc: 1068.86 ng/ml



#15 AR-1232-5

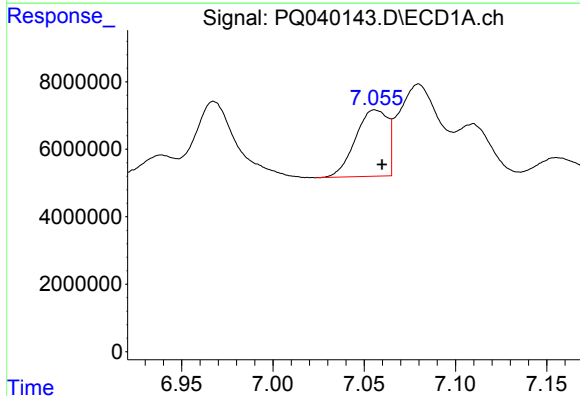
R.T.: 7.367 min
Delta R.T.: -0.005 min
Response: 56842893
Conc: 1793.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML2



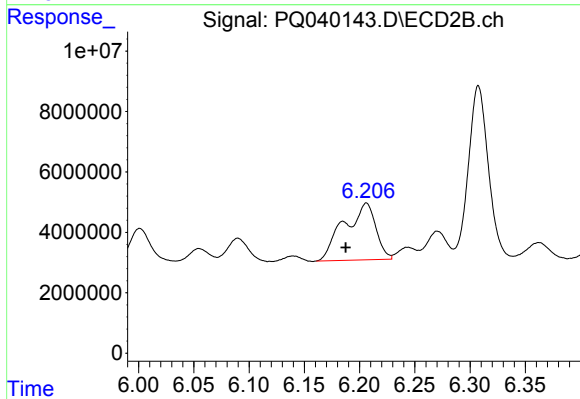
#15 AR-1232-5

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 54073727
Conc: 1796.21 ng/ml



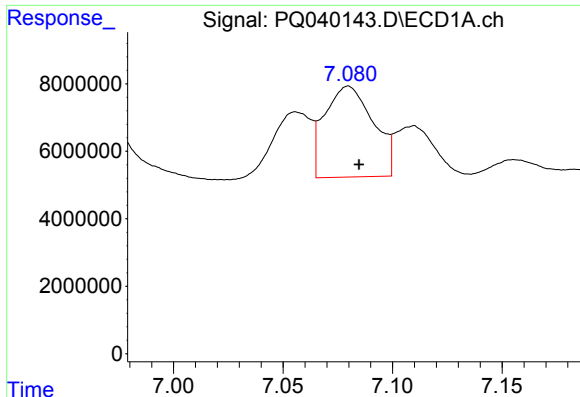
#16 AR-1242-1

R.T.: 7.056 min
Delta R.T.: -0.004 min
Response: 24228950
Conc: 249.90 ng/ml



#16 AR-1242-1

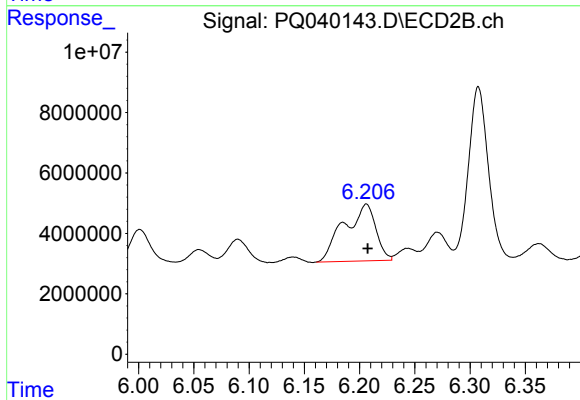
R.T.: 6.206 min
Delta R.T.: 0.019 min
Response: 37842944
Conc: 511.75 ng/ml



#17 AR-1242-2

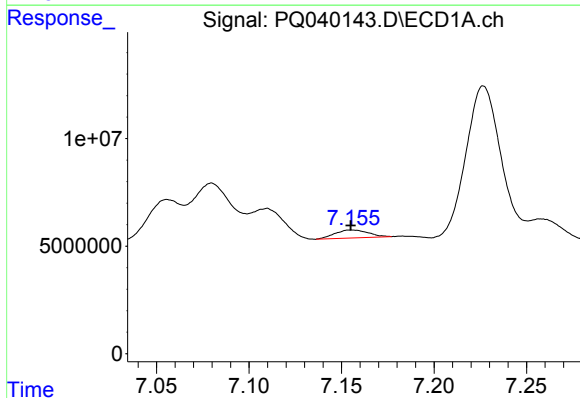
R.T.: 7.080 min
Delta R.T.: -0.005 min
Response: 41535496
Conc: 287.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML2



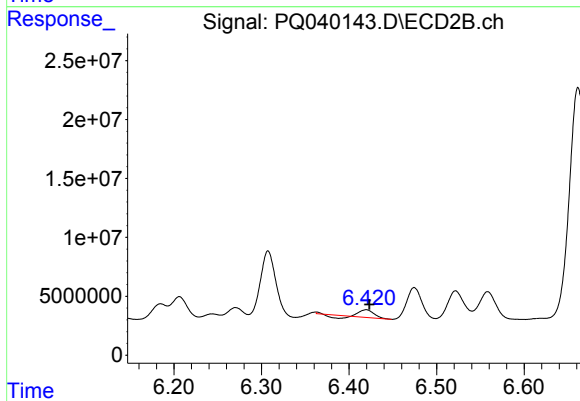
#17 AR-1242-2

R.T.: 6.206 min
Delta R.T.: -0.001 min
Response: 37842944
Conc: 355.47 ng/ml



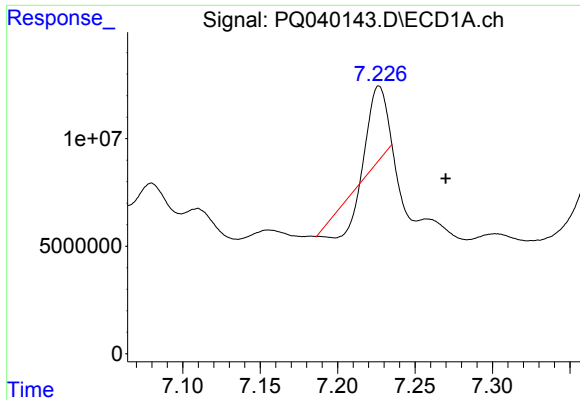
#18 AR-1242-3

R.T.: 7.155 min
Delta R.T.: 0.000 min
Response: 4647353
Conc: 49.92 ng/ml



#18 AR-1242-3

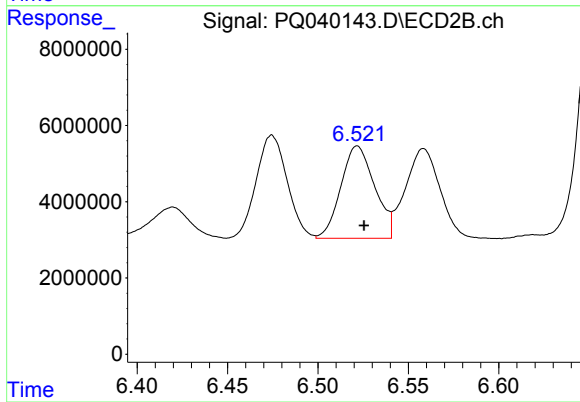
R.T.: 6.419 min
Delta R.T.: -0.004 min
Response: 5325636
Conc: 88.28 ng/ml



#19 AR-1242-4

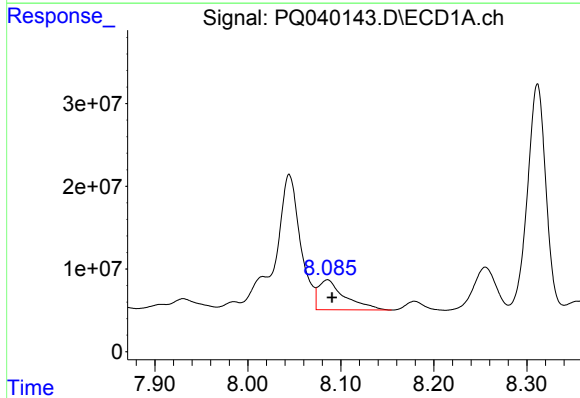
R.T.: 7.227 min
Delta R.T.: -0.043 min
Response: 12977807
Conc: 172.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML2



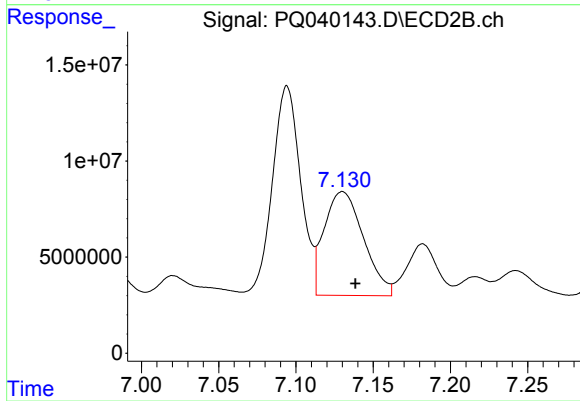
#19 AR-1242-4

R.T.: 6.522 min
Delta R.T.: -0.004 min
Response: 31583098
Conc: 529.91 ng/ml



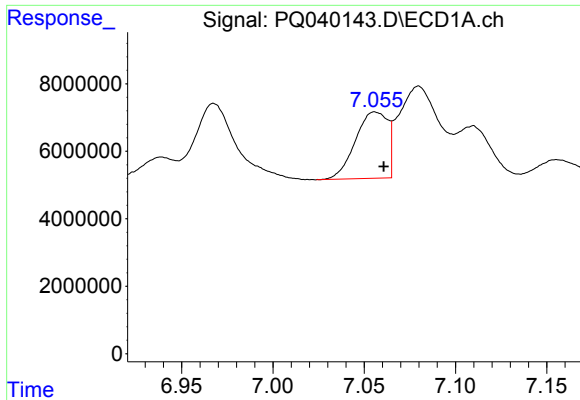
#20 AR-1242-5

R.T.: 8.086 min
Delta R.T.: -0.005 min
Response: 70932087
Conc: 818.19 ng/ml



#20 AR-1242-5

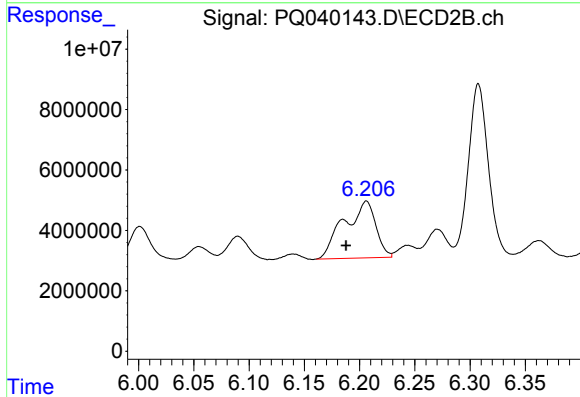
R.T.: 7.130 min
Delta R.T.: -0.008 min
Response: 95551019
Conc: 1185.67 ng/ml



#21 AR-1248-1

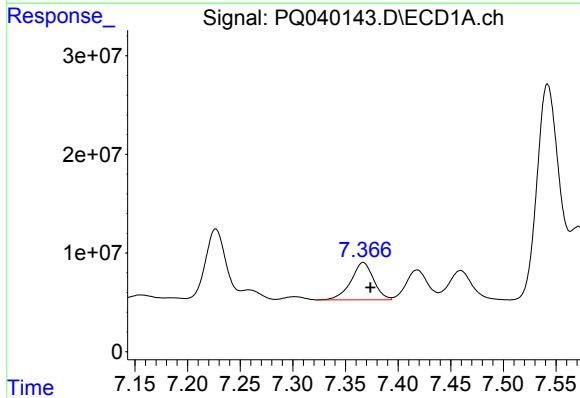
R.T.: 7.056 min
Delta R.T.: -0.005 min
Response: 24228950
Conc: 313.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML2



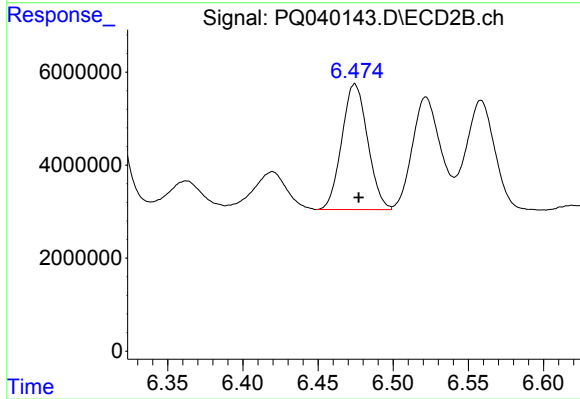
#21 AR-1248-1

R.T.: 6.206 min
Delta R.T.: 0.018 min
Response: 37842944
Conc: 656.73 ng/ml



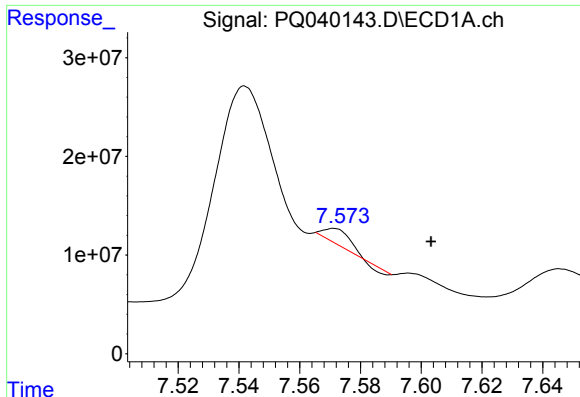
#22 AR-1248-2

R.T.: 7.367 min
Delta R.T.: -0.007 min
Response: 56842893
Conc: 504.68 ng/ml



#22 AR-1248-2

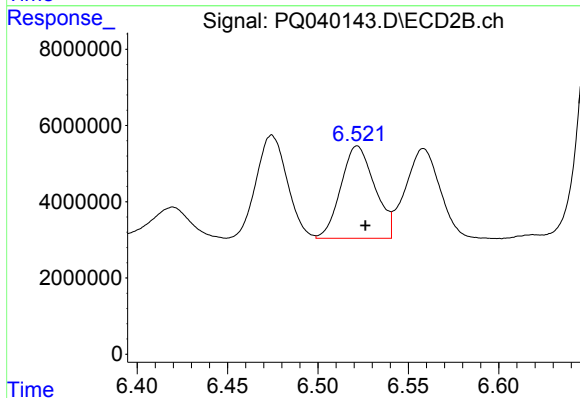
R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 32329475
Conc: 367.72 ng/ml



#23 AR-1248-3

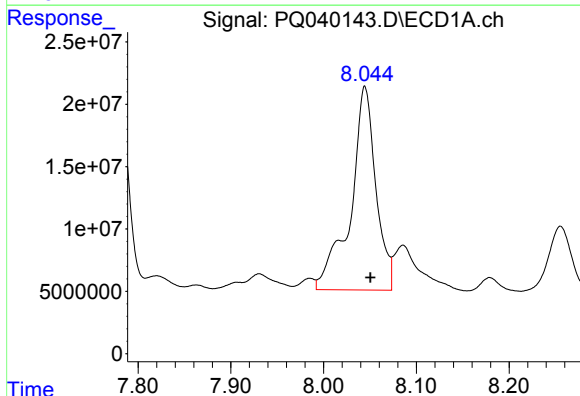
R.T.: 7.571 min
Delta R.T.: -0.032 min
Response: 8178454
Conc: 59.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML2



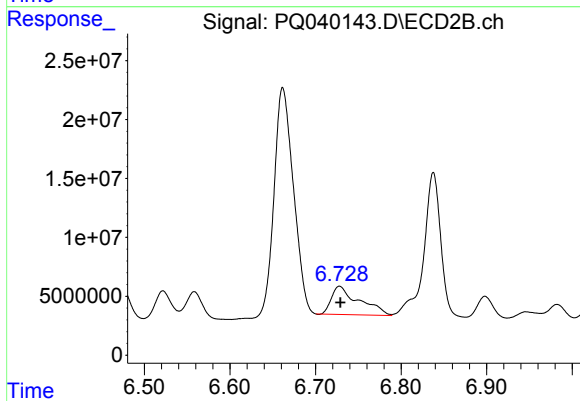
#23 AR-1248-3

R.T.: 6.522 min
Delta R.T.: -0.004 min
Response: 31583098
Conc: 349.05 ng/ml



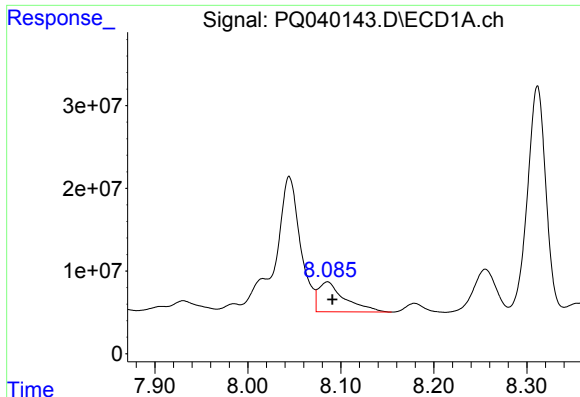
#24 AR-1248-4

R.T.: 8.045 min
Delta R.T.: -0.006 min
Response: 309436954
Conc: 2049.66 ng/ml



#24 AR-1248-4

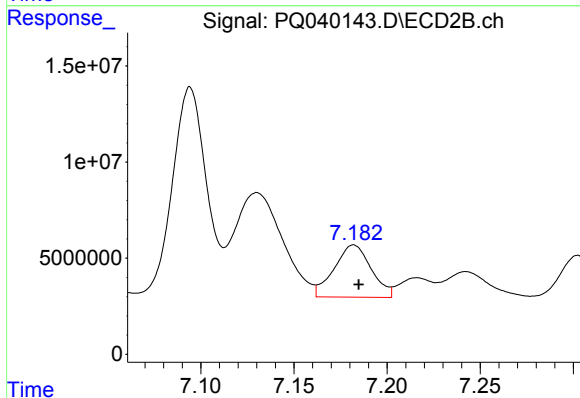
R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 54073727
Conc: 489.67 ng/ml



#25 AR-1248-5

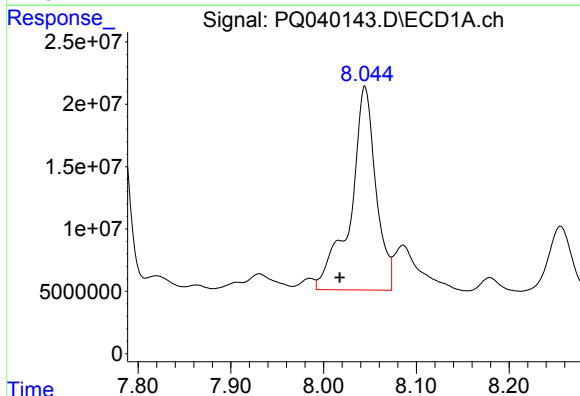
R.T.: 8.086 min
Delta R.T.: -0.005 min
Response: 70932087
Conc: 471.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML2



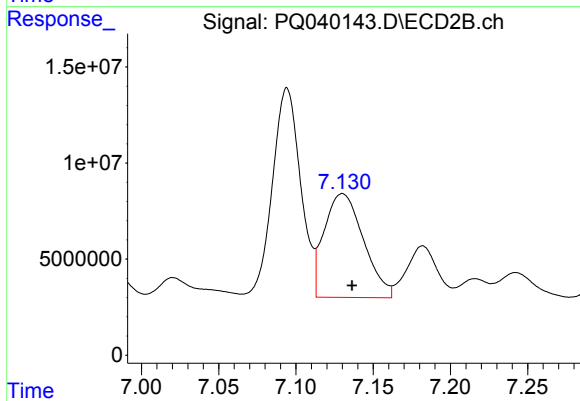
#25 AR-1248-5

R.T.: 7.182 min
Delta R.T.: -0.003 min
Response: 37615161
Conc: 331.31 ng/ml



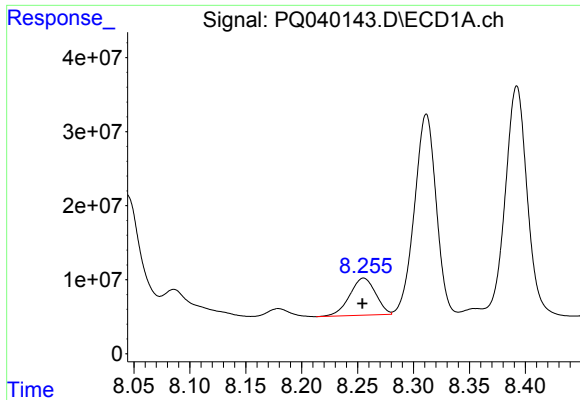
#26 AR-1254-1

R.T.: 8.045 min
Delta R.T.: 0.027 min
Response: 309436954
Conc: 1774.35 ng/ml



#26 AR-1254-1

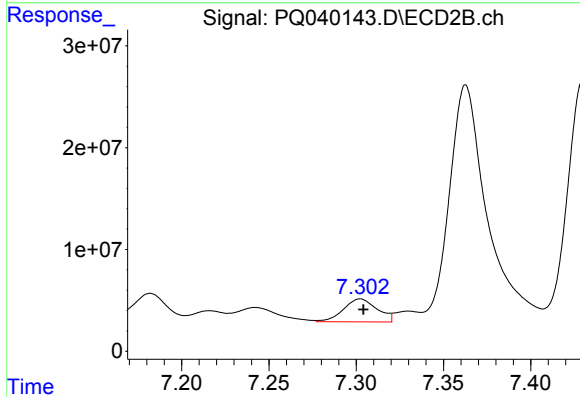
R.T.: 7.130 min
Delta R.T.: -0.006 min
Response: 95551019
Conc: 498.87 ng/ml



#27 AR-1254-2

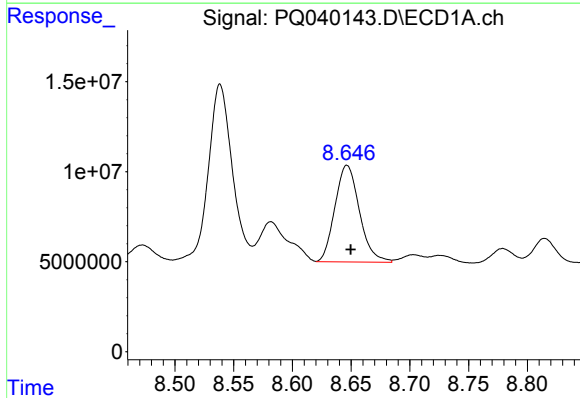
R.T.: 8.255 min
Delta R.T.: 0.000 min
Response: 81101159
Conc: 293.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML2



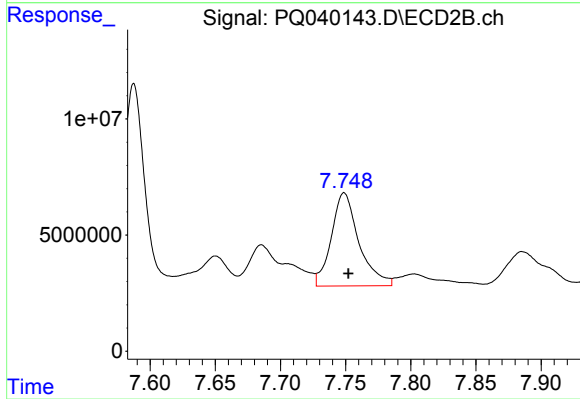
#27 AR-1254-2

R.T.: 7.302 min
Delta R.T.: -0.002 min
Response: 30336116
Conc: 174.62 ng/ml



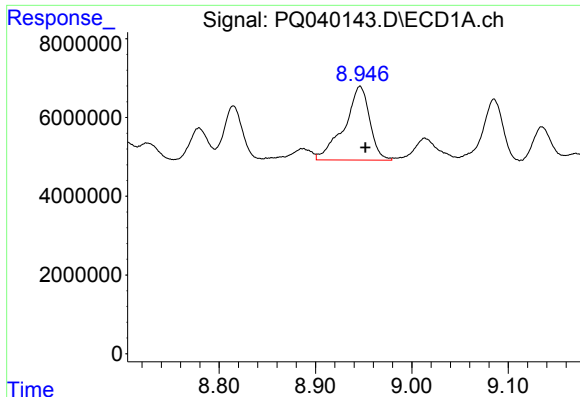
#28 AR-1254-3

R.T.: 8.646 min
Delta R.T.: -0.003 min
Response: 78063379
Conc: 263.03 ng/ml



#28 AR-1254-3

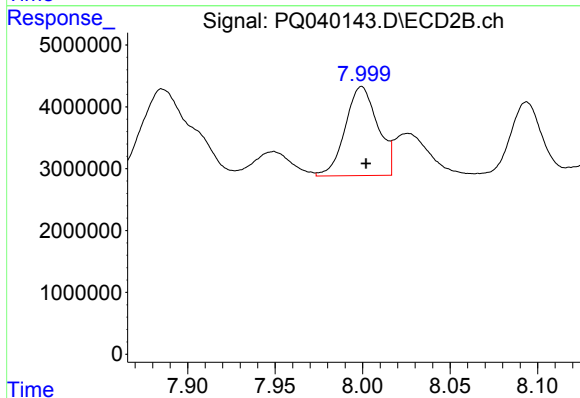
R.T.: 7.749 min
Delta R.T.: -0.003 min
Response: 59182745
Conc: 204.80 ng/ml



#29 AR-1254-4

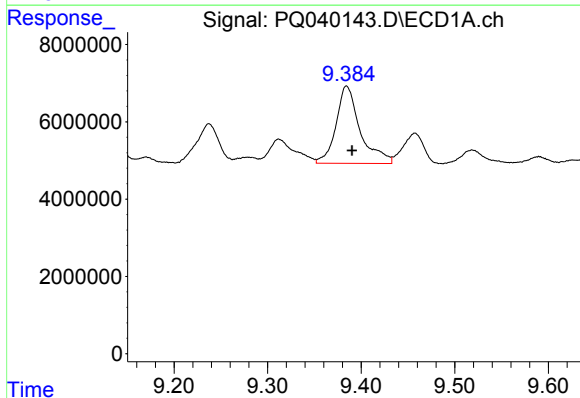
R.T.: 8.946 min
Delta R.T.: -0.006 min
Response: 34238417
Conc: 164.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML2



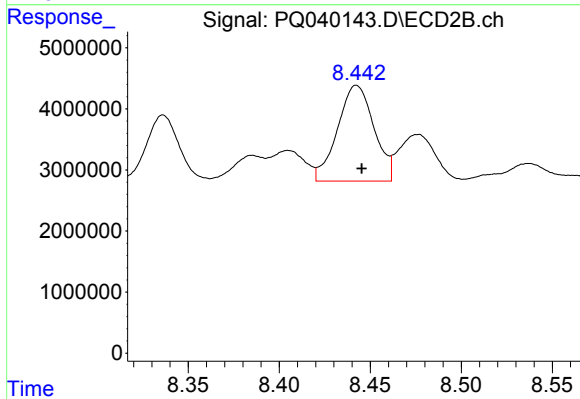
#29 AR-1254-4

R.T.: 7.999 min
Delta R.T.: -0.003 min
Response: 18608784
Conc: 104.22 ng/ml



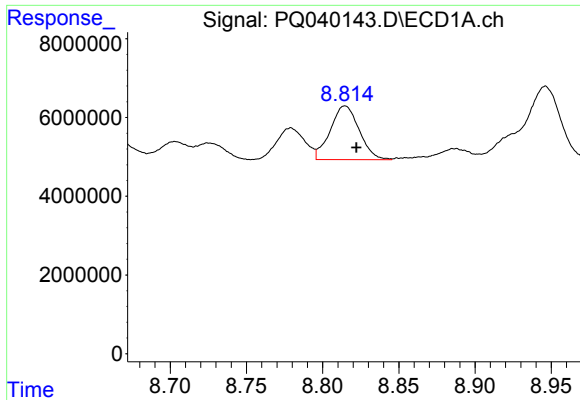
#30 AR-1254-5

R.T.: 9.384 min
Delta R.T.: -0.006 min
Response: 35728447
Conc: 124.06 ng/ml



#30 AR-1254-5

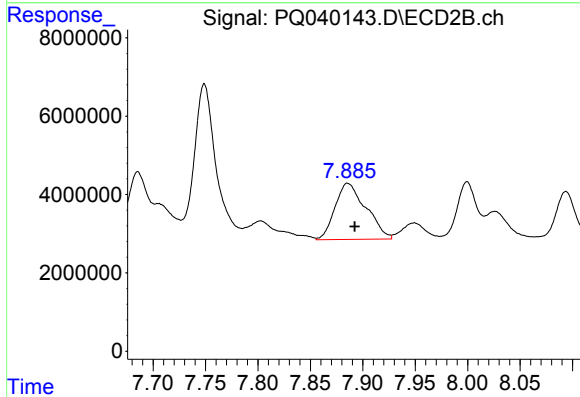
R.T.: 8.442 min
Delta R.T.: -0.003 min
Response: 21895776
Conc: 84.99 ng/ml



#31 AR-1260-1

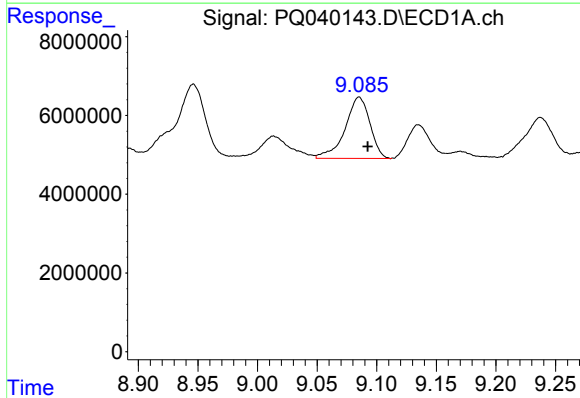
R.T.: 8.815 min
Delta R.T.: -0.008 min
Response: 18106203
Conc: 54.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML2



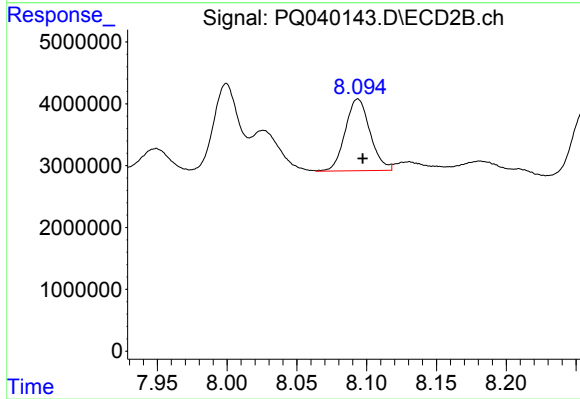
#31 AR-1260-1

R.T.: 7.886 min
Delta R.T.: -0.006 min
Response: 29531154
Conc: 107.72 ng/ml



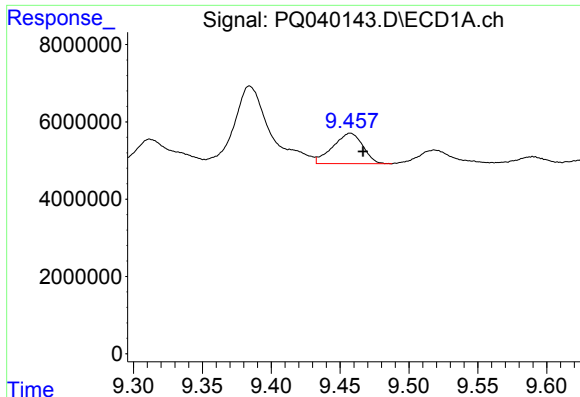
#32 AR-1260-2

R.T.: 9.085 min
Delta R.T.: -0.007 min
Response: 22581423
Conc: 55.90 ng/ml



#32 AR-1260-2

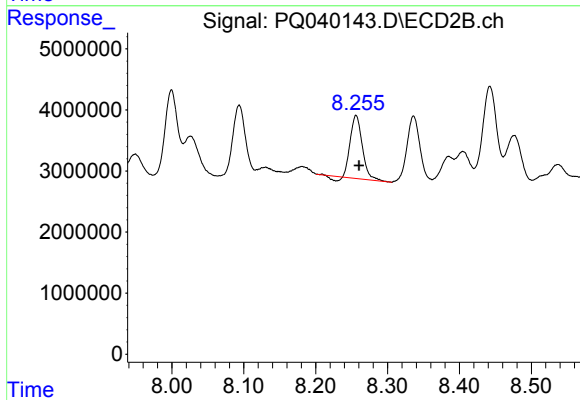
R.T.: 8.094 min
Delta R.T.: -0.004 min
Response: 14403118
Conc: 41.64 ng/ml



#33 AR-1260-3

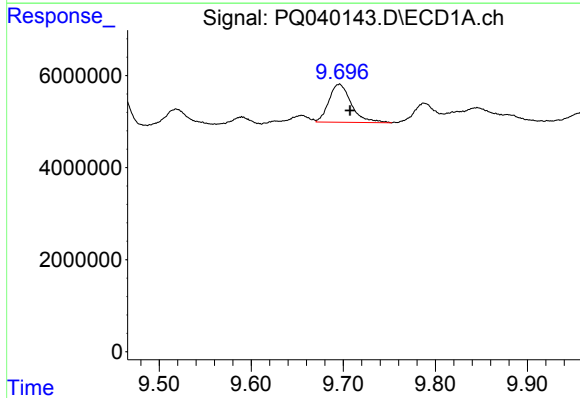
R.T.: 9.457 min
Delta R.T.: -0.009 min
Response: 11937644
Conc: 36.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML2



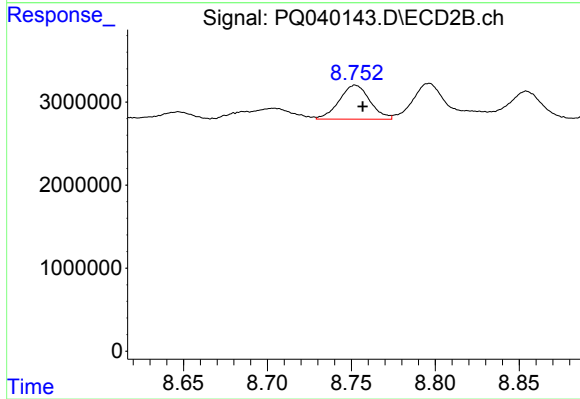
#33 AR-1260-3

R.T.: 8.256 min
Delta R.T.: -0.004 min
Response: 11598497
Conc: 36.17 ng/ml



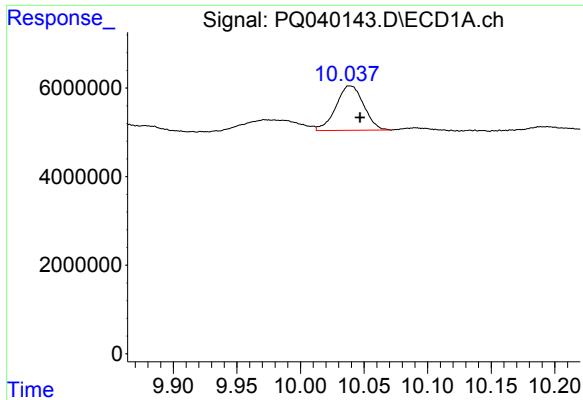
#34 AR-1260-4

R.T.: 9.696 min
Delta R.T.: -0.012 min
Response: 14003320
Conc: 38.00 ng/ml



#34 AR-1260-4

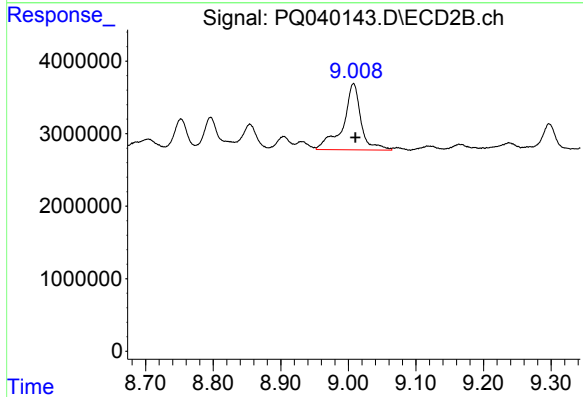
R.T.: 8.752 min
Delta R.T.: -0.004 min
Response: 5230077
Conc: 19.25 ng/ml



#35 AR-1260-5

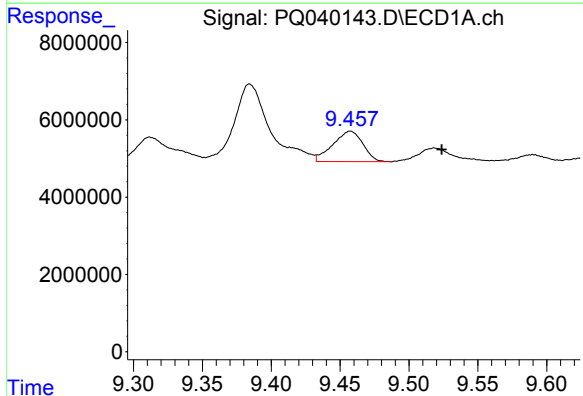
R.T.: 10.039 min
Delta R.T.: -0.008 min
Response: 15245725
Conc: 19.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML2



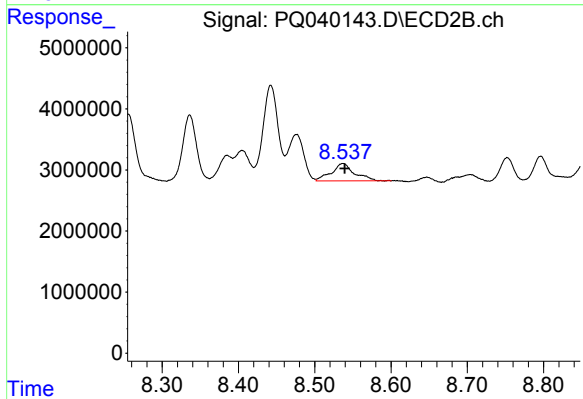
#35 AR-1260-5

R.T.: 9.008 min
Delta R.T.: -0.003 min
Response: 16843108
Conc: 25.06 ng/ml



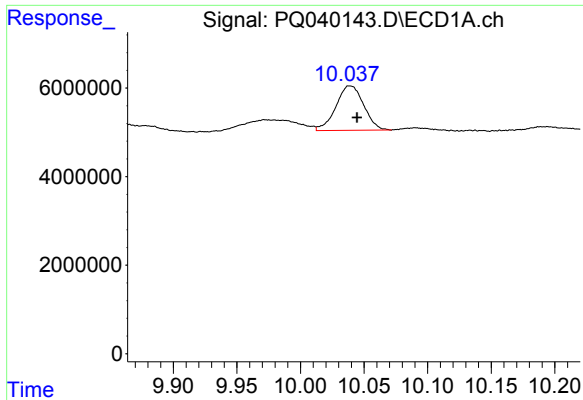
#36 AR-1262-1

R.T.: 9.457 min
Delta R.T.: -0.066 min
Response: 11937644
Conc: 85.87 ng/ml



#36 AR-1262-1

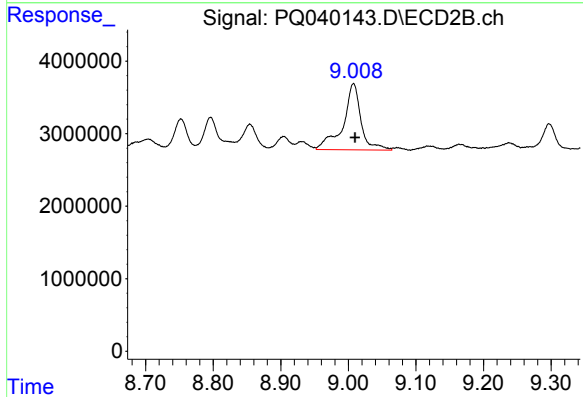
R.T.: 8.537 min
Delta R.T.: -0.002 min
Response: 5943776
Conc: 52.35 ng/ml



#37 AR-1262-2

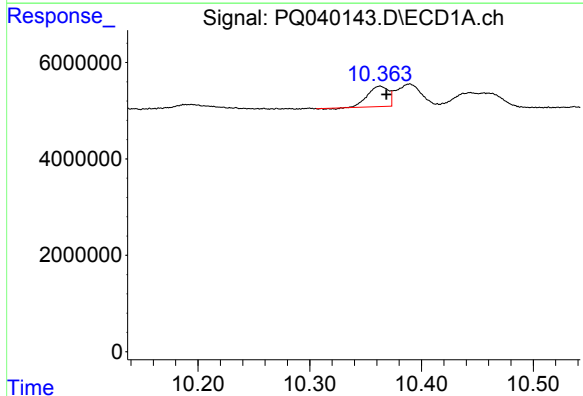
R.T.: 10.039 min
Delta R.T.: -0.005 min
Response: 15245725
Conc: 26.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML2



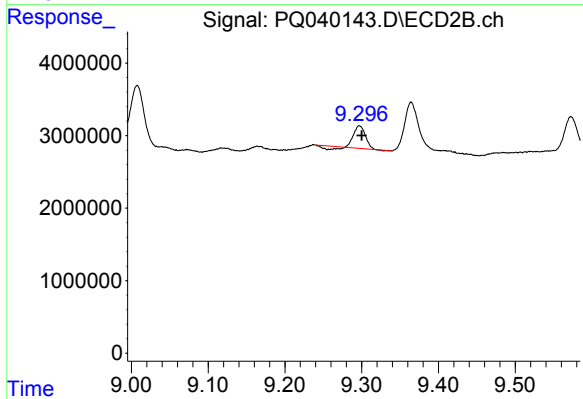
#37 AR-1262-2

R.T.: 9.008 min
Delta R.T.: -0.002 min
Response: 16843108
Conc: 33.95 ng/ml



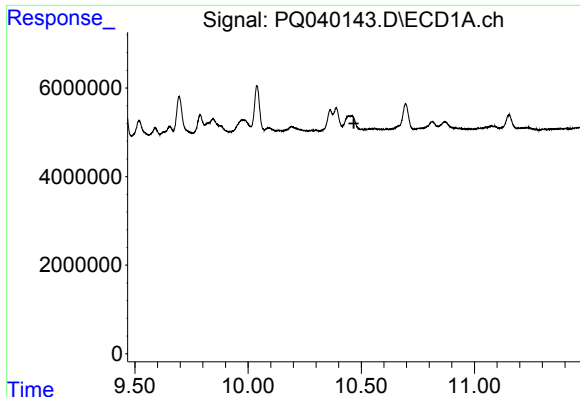
#38 AR-1262-3

R.T.: 10.363 min
Delta R.T.: -0.006 min
Response: 5359969
Conc: 12.68 ng/ml



#38 AR-1262-3

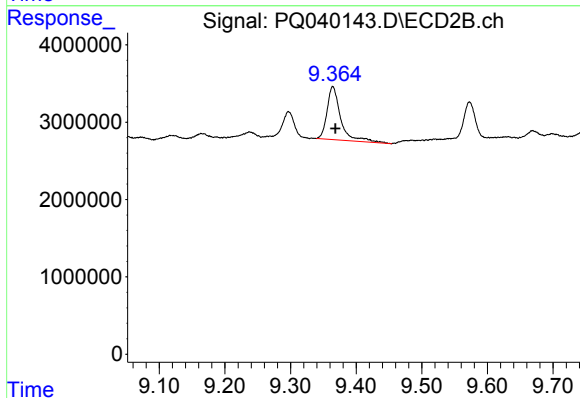
R.T.: 9.297 min
Delta R.T.: -0.003 min
Response: 2748960
Conc: 13.07 ng/ml



#39 AR-1262-4

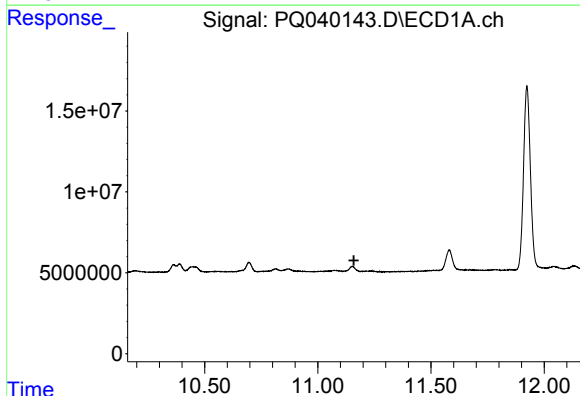
R.T.: 0.000 min
Exp R.T.: 10.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETML2



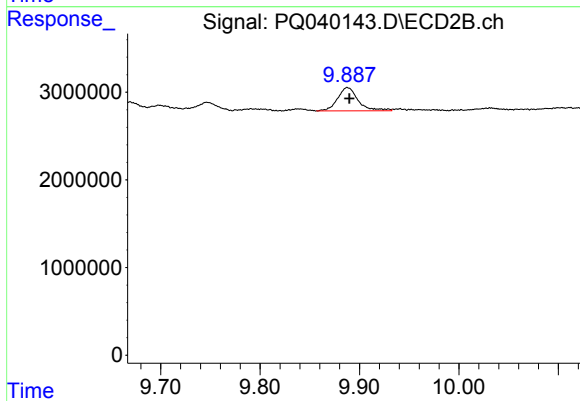
#39 AR-1262-4

R.T.: 9.365 min
Delta R.T.: -0.004 min
Response: 9906008
Conc: 26.16 ng/ml



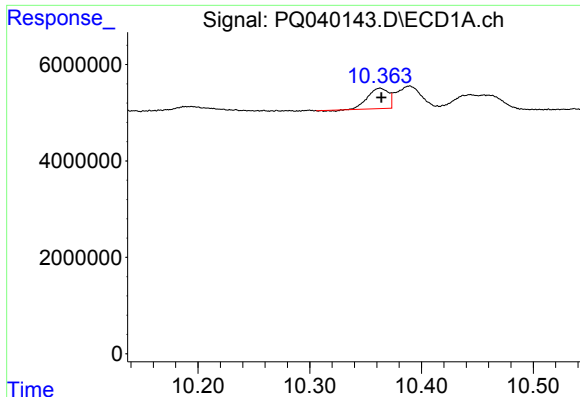
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 11.159 min
Response: 0
Conc: N.D.



#40 AR-1262-5

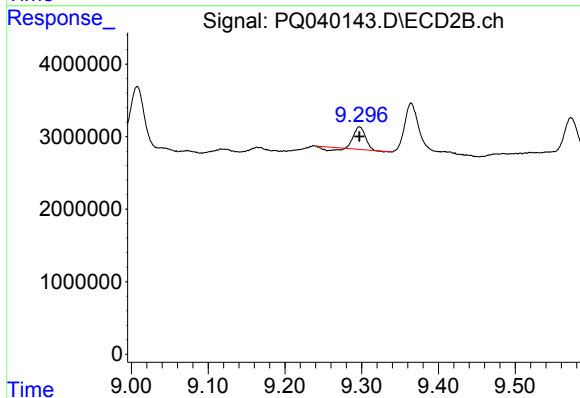
R.T.: 9.888 min
Delta R.T.: -0.002 min
Response: 3832306
Conc: 23.64 ng/ml



#41 AR-1268-1

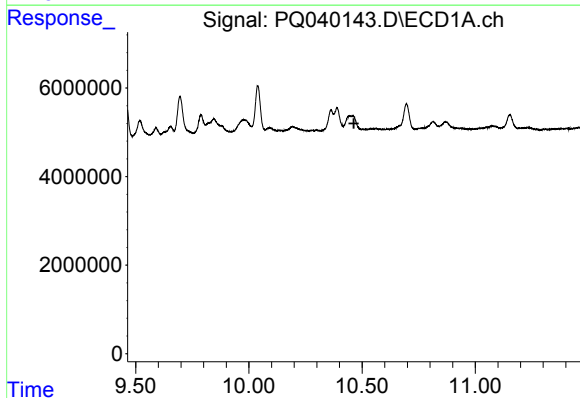
R.T.: 10.363 min
Delta R.T.: -0.001 min
Response: 5359969
Conc: 8.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML2



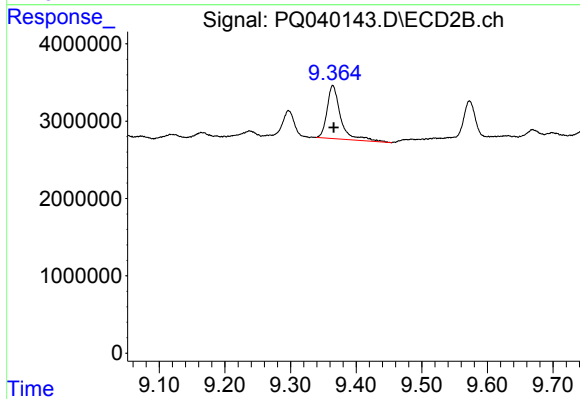
#41 AR-1268-1

R.T.: 9.297 min
Delta R.T.: 0.000 min
Response: 2748960
Conc: 6.02 ng/ml



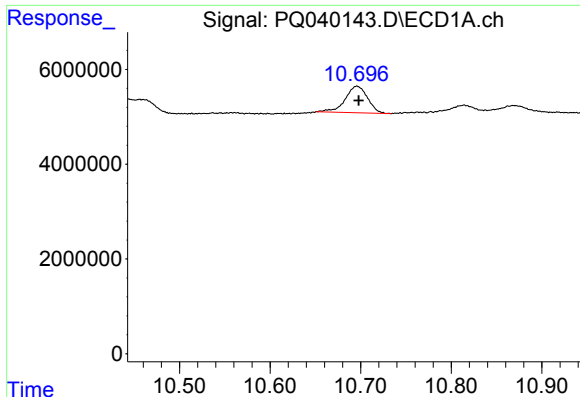
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 10.464 min
Response: 0
Conc: N.D.



#42 AR-1268-2

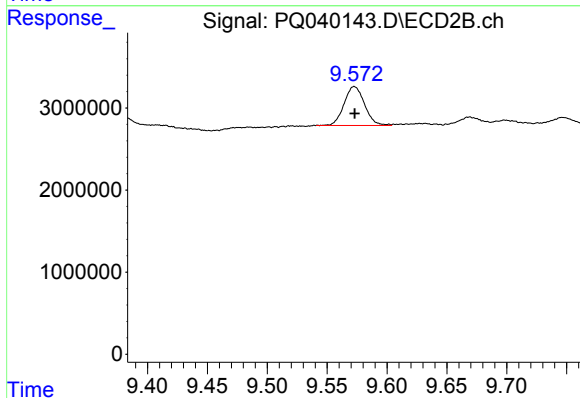
R.T.: 9.365 min
Delta R.T.: -0.001 min
Response: 9906008
Conc: 22.66 ng/ml



#43 AR-1268-3

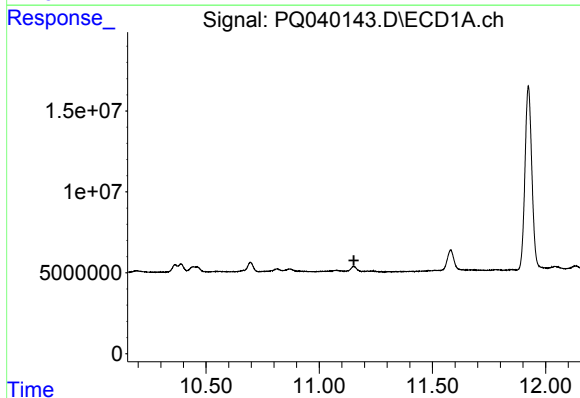
R.T.: 10.696 min
Delta R.T.: -0.002 min
Response: 9576942
Conc: 17.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML2



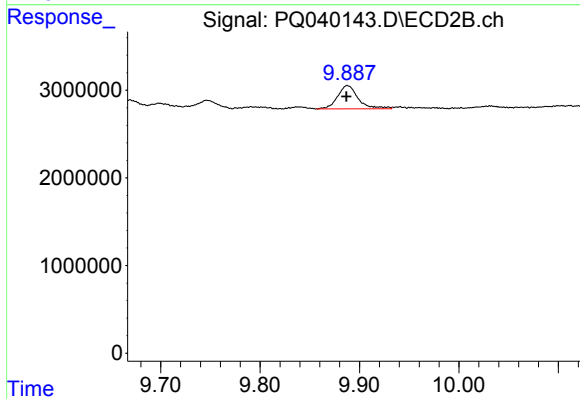
#43 AR-1268-3

R.T.: 9.573 min
Delta R.T.: 0.000 min
Response: 5670534
Conc: 15.10 ng/ml



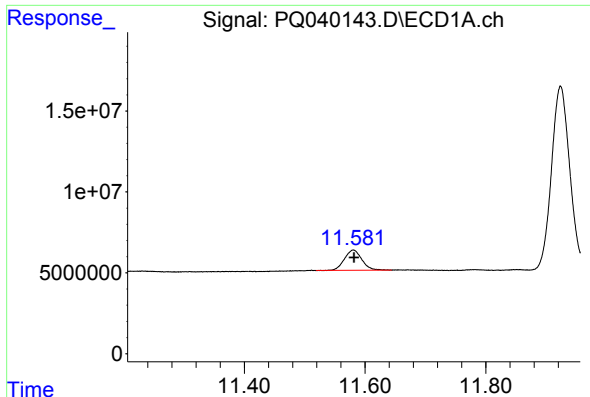
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 11.153 min
Response: 0
Conc: N.D.



#44 AR-1268-4

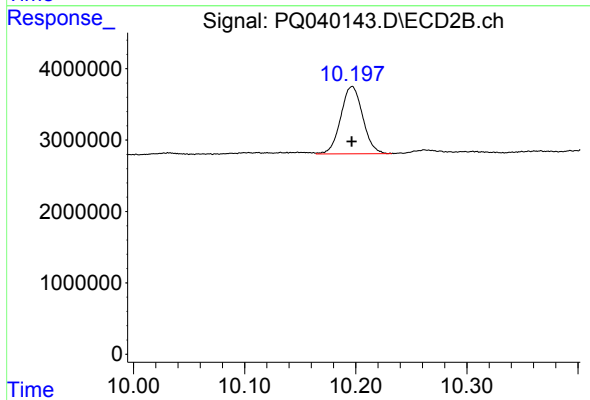
R.T.: 9.888 min
Delta R.T.: 0.001 min
Response: 3832306
Conc: 27.81 ng/ml



#45 AR-1268-5

R.T.: 11.581 min
Delta R.T.: -0.001 min
Response: 25038840
Conc: 13.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML2



#45 AR-1268-5

R.T.: 10.197 min
Delta R.T.: 0.000 min
Response: 12972492
Conc: 10.99 ng/ml